

TABLE 1 TO SUBPART TTTTT OF PART 63—EMISSION LIMITS

As required in §63.9890(a), you must comply with each applicable emission limit in the following table:

For . . .	You must comply with each of the following . . .
1. Each spray dryer stack	a. You must not cause to be discharged to the atmosphere any gases that contain particulate matter in excess of 100 lbs/hr; and b. You must not cause to be discharged to the atmosphere any gases that contain hydrochloric acid in excess of 200 lbs/hr.
2. Each magnesium chloride storage bins scrubber stack.	a. You must not cause to be discharged to the atmosphere any gases that contain hydrochloric acid in excess of 47.5 lbs/hr and 0.35 gr/dscf; and b. You must not cause to be discharged to the atmosphere any gases that contain PM ₁₀ in excess of 2.7 lbs/hr and 0.016 gr/dscf.
3. Each melt/reactor system stack	a. You must not cause to be discharged to the atmosphere any gases that contain PM ₁₀ in excess of 13.1 lbs/hr; and b. You must not cause to be discharged to the atmosphere any gases that contain hydrochloric acid in excess of 7.2 lbs/hr; and c. You must not cause to be discharged to the atmosphere any gases that contain chlorine in excess of 100 lbs/hr; and d. You must not cause to be discharged to the atmosphere any gases that contain 36 ng TEQ/dscm corrected to 7% oxygen.
4. Each launder off-gas system stack	a. You must not cause to be discharged to the atmosphere any gases that contain particulate matter in excess of 37.5 lbs/hr; and b. You must not cause to be discharged to the atmosphere any gases that contain hydrochloric acid in excess of 46.0 lbs/hr; and c. You must not cause to be discharged to the atmosphere any gases that contain chlorine in excess of 26.0 lbs/hr.

TABLE 2 TO SUBPART TTTTT OF PART 63—TOXIC EQUIVALENCY FACTORS

Dioxin/furan congener	Toxic equivalency factor
2,3,7,8-tetrachlorinated dibenzo-p-dioxin	1
1,2,3,7,8-pentachlorinated dibenzo-p-dioxin	1
1,2,3,4,7,8-hexachlorinated dibenzo-p-dioxin	0.1
1,2,3,7,8,9-hexachlorinated dibenzo-p-dioxin	0.1
1,2,3,6,7,8-hexachlorinated dibenzo-p-dioxin	0.1
1,2,3,4,6,7,8-heptachlorinated dibenzo-p-dioxin	0.01
octachlorinated dibenzo-p-dioxin	0.0001
2,3,7,8-tetrachlorinated dibenzofuran	0.1
2,3,4,7,8-pentachlorinated dibenzofuran	0.5
1,2,3,7,8-pentachlorinated dibenzofuran	0.05
1,2,3,4,7,8-hexachlorinated dibenzofuran	0.1
1,2,3,6,7,8-hexachlorinated dibenzofuran	0.1
1,2,3,7,8,9-hexachlorinated dibenzofuran	0.1
2,3,4,6,7,8-hexachlorinated dibenzofuran	0.1
1,2,3,4,6,7,8-heptachlorinated dibenzofuran	0.01
1,2,3,4,7,8,9-heptachlorinated dibenzofuran	0.01
octachlorinated dibenzofuran	0.0001

TABLE 3 TO SUBPART TTTTT OF PART 63—INITIAL COMPLIANCE WITH EMISSION LIMITS

As required in §63.9916, you must demonstrate initial compliance with the emission limits according to the following table:

For . . .	You have demonstrated initial compliance if . . .
1. Each spray dryer stack	a. The average mass flow of particulate matter from the control system applied to emissions from each spray dryer, measured according to the performance test procedures in §63.9913(c), did not exceed 100 lbs/hr; and b. The average mass flow of hydrochloric acid from the control system applied to emissions from each spray dryer, determined according to the performance test procedures in §63.9914(c), did not exceed 200 lbs/hr.
2. Each magnesium chloride storage bins scrubber stack.	a. The average mass flow of hydrochloric acid from the control system applied to the magnesium chloride storage bins scrubber exhaust, measured according to the performance test procedure in §63.9914, did not exceed 47.5 lbs/hr and 0.35 gr/dscf; and

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For . . .	You have demonstrated initial compliance if . . .
3. Each melt/reactor system stack	<p>b. The average mass flow of PM₁₀ from the control system applied to the magnesium chloride storage bins scrubber exhaust, determined according to the performance test procedures in § 63.9913, did not exceed 2.7 lbs/hr and 0.016 gr/dscf.</p> <p>a. The average mass flow of PM₁₀ from the control system applied to the melt/reactor system exhaust, measured according to the performance test procedures in § 63.9913, did not exceed 13.1 lbs/hr; and</p> <p>b. The average mass flow of hydrochloric acid from the control system applied to the melt/reactor system exhaust, measured according to the performance test procedures in § 63.9914, did not exceed 7.2 lbs/hr; and</p> <p>c. The average mass flow of chlorine from the control system applied to the melt/reactor system exhaust, measured according to the performance test procedures in § 63.9914, did not exceed 100 lbs/hr.</p> <p>d. The average concentration of dioxins/furans from the control system applied to the melt/reactor system exhaust, measured according to the performance test procedures in § 63.9915, did not exceed 36 ng TEQ/dscm corrected to 7% oxygen.</p>
4. Each launder off-gas system stack	<p>a. The average mass flow of particulate matter from the control system applied to the launder off-gas system collection system exhaust, measured according to the performance test procedures in § 63.9913, did not exceed 37.5 lbs/hr; and</p> <p>b. The average mass flow of hydrochloric acid from the control system applied to the launder off-gas system collection system exhaust, measured according to the performance test procedures in § 63.9914, did not exceed 46.0 lbs/hr; and</p> <p>c. The average mass flow of chlorine from the control system applied to the launder off-gas system collection system exhaust, measured according to the performance test procedures in § 63.9914, did not exceed 26.0 lbs/hr.</p>

TABLE 4 TO SUBPART TTTTT OF PART 63—CONTINUOUS COMPLIANCE WITH EMISSION LIMITS

As required in § 63.9923, you must demonstrate continuous compliance with the emission limits according to the following table:

For . . .	You must demonstrate continuous compliance by . . .
1. Each spray dryer stack	<p>a. Maintaining emissions of PM₁₀ at or below 100 lbs/hr; and</p> <p>b. Maintaining emissions of hydrochloric acid at or below 200 lbs/hr; and</p> <p>c. Conducting subsequent performance tests at least twice during each term of your title V operating permit (at mid-term and renewal).</p>
2. Magnesium chloride storage bins scrubber stack.	<p>a. Maintaining emissions of hydrochloric acid at or below 47.5 lbs/hr and 0.35 gr/dscf; and</p> <p>b. Maintaining emissions of PM₁₀ at or below 2.7 lbs/hr and 0.016 gr/dscf; and</p> <p>c. Conducting subsequent performance tests at least twice during each term of your title V operating permit (at mid-term and renewal).</p>
3. Each melt/reactor system stack	<p>a. Maintaining emissions of PM₁₀ at or below 13.1 lbs/hr; and</p> <p>b. Maintaining emissions of hydrochloric acid at or below 7.2 lbs/hr; and</p> <p>c. Maintaining emissions of chlorine at or below 100 lbs/hr; and</p> <p>d. Maintaining emissions of dioxins/furans at or below 36 ng TEQ/dscm corrected to 7% oxygen.</p> <p>e. Conducting subsequent performance test at least twice during each term of your title V operating permit (at mid-term and renewal).</p>
4. Each launder off-gas system stack	<p>a. Maintaining emissions of particulate matter at or below 37.5 lbs/hr; and</p> <p>b. Maintaining emissions of hydrochloric acid at or below 46.0 lbs/hr; and</p> <p>c. Maintaining emissions of chlorine at or below 26.0 lbs/hr; and</p> <p>d. Conducting subsequent performance tests at least twice during each term of your title V operating permit (at mid-term and renewal).</p>

TABLE 5 TO SUBPART TTTTT OF PART 63—APPLICABILITY OF GENERAL PROVISIONS TO SUBPART TTTTT OF PART 63

As required in § 63.9950, you must comply with the requirements of the NESHAP General Provisions (40 CFR part 63, subpart A) shown in the following table:

Citation	Subject	Applies to Subpart TTTT	Explanation
63.1	Applicability	Yes.	
63.2	Definitions	Yes.	
63.3	Units and Abbreviations	Yes.	
63.4	Prohibited Activities	Yes.	
63.5	Construction and Reconstruction	Yes.	